

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072021\  
 Data File : PL068302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2021 23:57  
 Operator : AR\AJ  
 Sample : M2076-04MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 05:51:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 4.644  | 5.572  | 8011434  | 21489198 | 18.667   | 21.059     |
| 28)                         | SA Decachlor... | 10.421 | 11.492 | 11034701 | 17797050 | 19.620   | 19.952     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.351  | 6.151  | 28553179 | 68522789 | 48.776   | 50.398     |
| 3)                          | MA gamma-BHC... | 5.775  | 6.547  | 28696868 | 66402856 | 50.483   | 51.467     |
| 4)                          | MA Heptachlor   | 6.187  | 7.196  | 30694343 | 67762034 | 50.358   | 51.992     |
| 5)                          | MB Aldrin       | 6.513  | 7.567  | 28851376 | 62177977 | 51.341   | 52.406     |
| 6)                          | B beta-BHC      | 6.153  | 6.798  | 14882492 | 33911427 | 50.859   | 48.002     |
| 7)                          | B delta-BHC     | 6.415  | 7.067  | 16620731 | 38040514 | 29.748   | 31.048     |
| 8)                          | B Heptachlo...  | 7.089  | 8.033  | 28278967 | 59407197 | 50.903   | 52.544     |
| 9)                          | A Endosulfan I  | 7.493  | 8.439  | 26989115 | 53976299 | 51.089   | 52.425     |
| 10)                         | B gamma-Chl...  | 7.367  | 8.302  | 29149681 | 62893822 | 50.804   | 55.846     |
| 11)                         | B alpha-Chl...  | 7.437  | 8.383  | 28874573 | 58763345 | 50.274   | 52.248     |
| 12)                         | B 4,4'-DDE      | 7.651  | 8.570  | 24950026 | 55816248 | 49.512   | 54.160     |
| 13)                         | MA Dieldrin     | 7.780  | 8.728  | 28160373 | 57560795 | 52.315   | 54.270     |
| 14)                         | MA Endrin       | 8.070  | 8.968  | 26052221 | 48344316 | 52.095   | 54.066     |
| 15)                         | B Endosulfa...  | 8.381  | 9.200  | 25383206 | 49131251 | 51.413   | 54.205     |
| 16)                         | A 4,4'-DDD      | 8.237  | 9.109  | 23497648 | 46249819 | 52.605   | 54.317     |
| 17)                         | MA 4,4'-DDT     | 8.499  | 9.427  | 23623348 | 44624494 | 47.097   | 47.280     |
| 18)                         | B Endrin al...  | 8.570  | 9.335  | 22087224 | 41488400 | 55.757   | 57.565     |
| 19)                         | B Endosulfa...  | 8.800  | 9.573  | 25136920 | 44522613 | 47.837   | 49.443     |
| 20)                         | A Methoxychlor  | 9.094  | 9.912  | 16168058 | 25265815 | 51.687   | 49.732     |
| 21)                         | B Endrin ke...  | 9.320  | 10.072 | 31266126 | 53645221 | 52.804   | 53.789     |
| 22)                         | Mirex           | 9.509  | 10.538 | 24477944 | 38414009 | 49.568   | 49.654     |
| 24)                         | Chlordane-2     | 6.666  | 7.567f | 564479   | 62177977 | 26.320   | 1494.483 # |
| 25)                         | Chlordane-3     | 7.367  | 8.302  | 29149681 | 62893822 | 541.274  | 406.108    |
| 26)                         | Chlordane-4     | 7.437  | 8.383  | 28874573 | 58763345 | 511.419  | 313.437 #  |
| 27)                         | Chlordane-5     | 8.381  | 0.000  | 25383206 | 0        | 1261.199 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

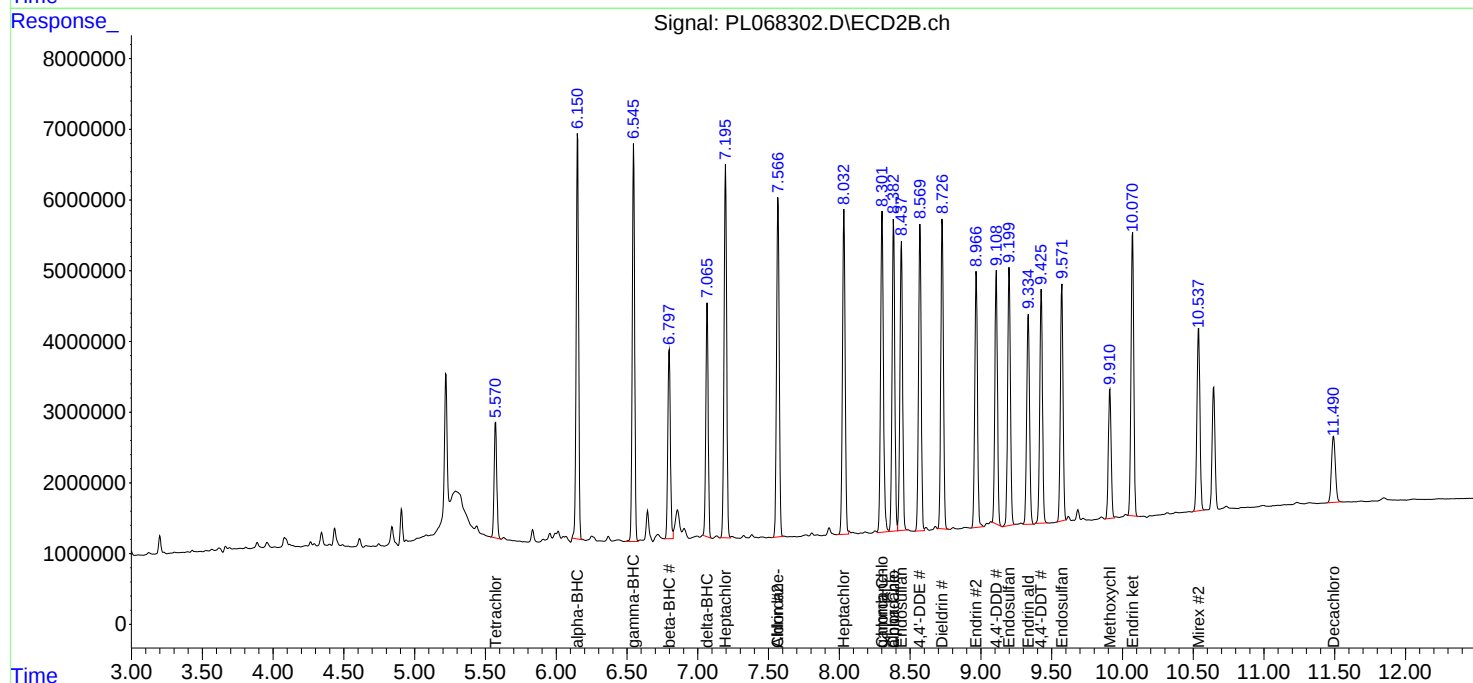
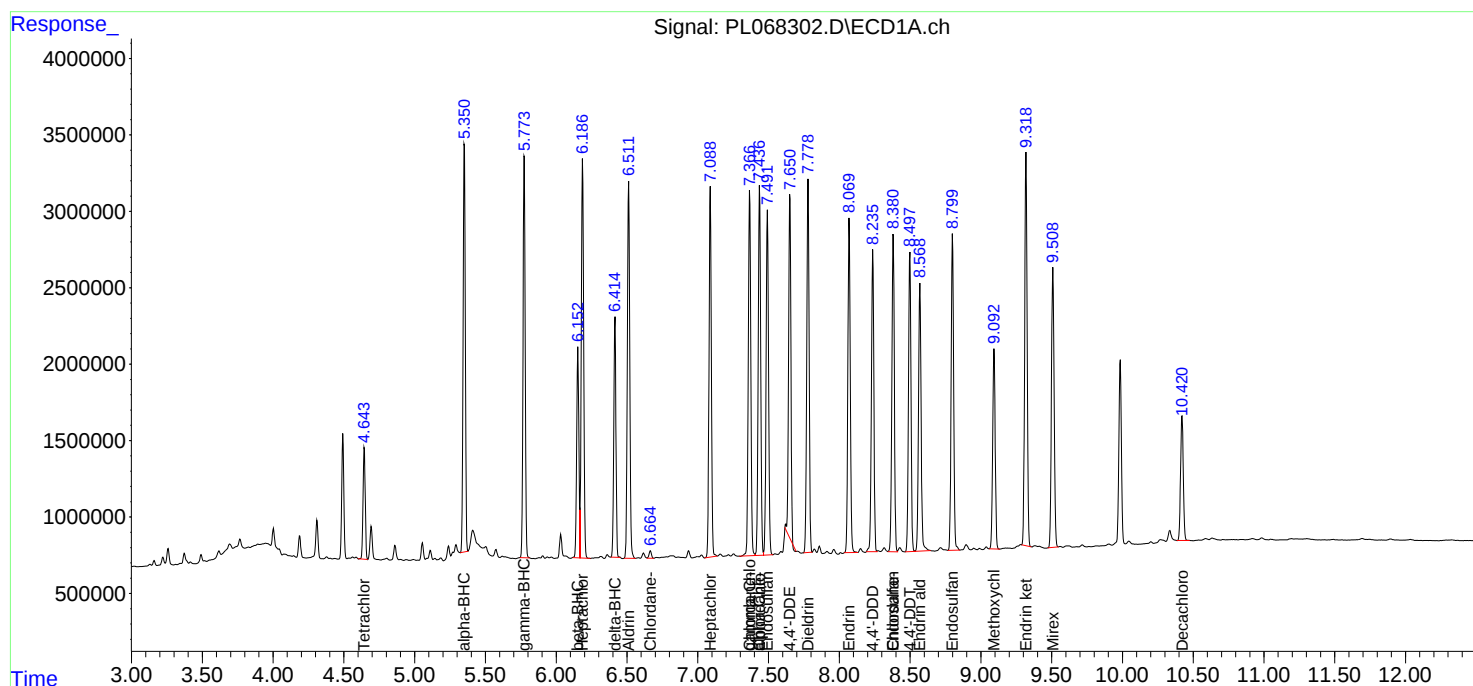
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

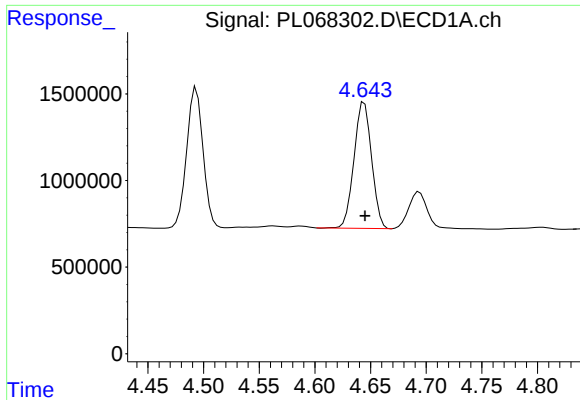
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072021\  
 Data File : PL068302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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 ECD\_L  
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Integration File signal 1: autoint1.e  
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Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

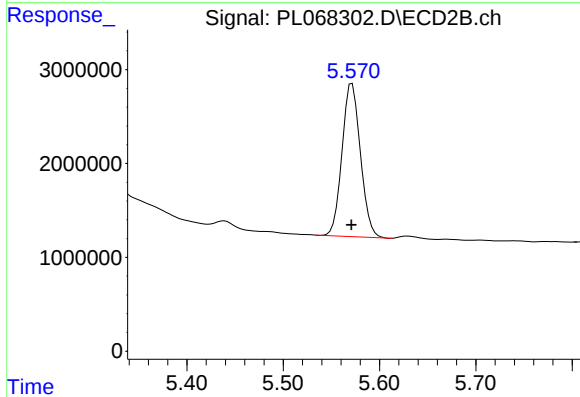




#1 Tetrachloro-m-xylene

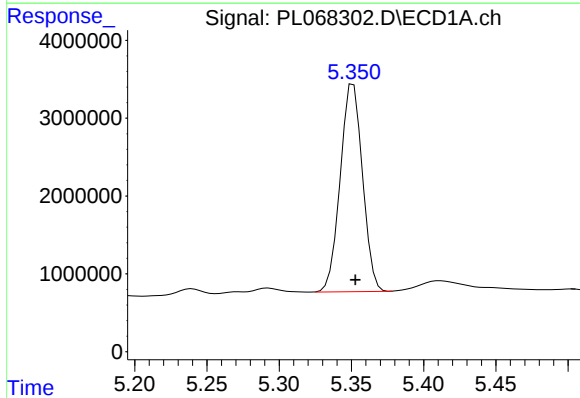
R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 8011434  
Conc: 18.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



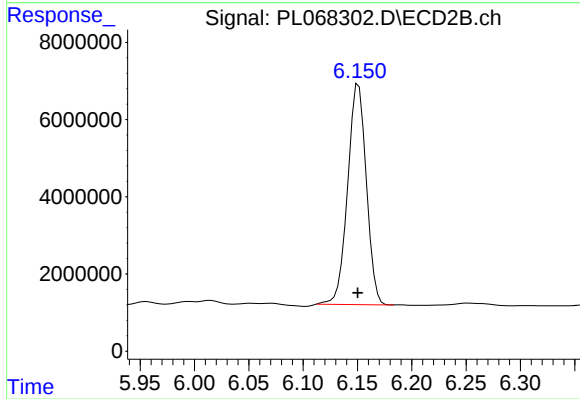
#1 Tetrachloro-m-xylene

R.T.: 5.572 min  
Delta R.T.: 0.000 min  
Response: 21489198  
Conc: 21.06 ng/ml



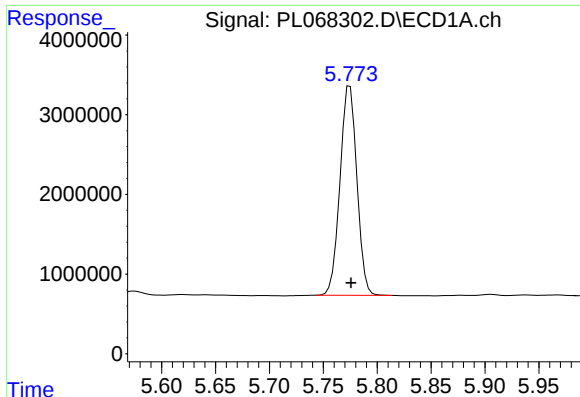
#2 alpha-BHC

R.T.: 5.351 min  
Delta R.T.: -0.001 min  
Response: 28553179  
Conc: 48.78 ng/ml



#2 alpha-BHC

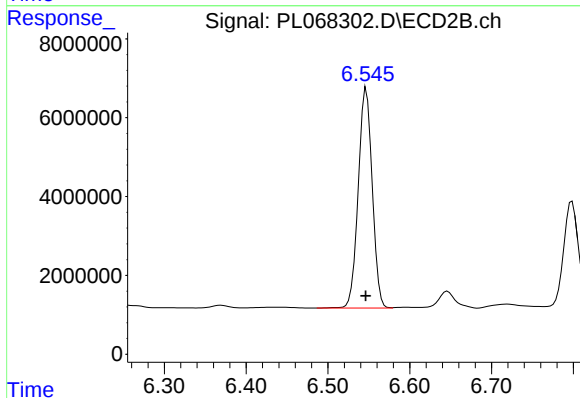
R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 68522789  
Conc: 50.40 ng/ml



#3 gamma-BHC (Lindane)

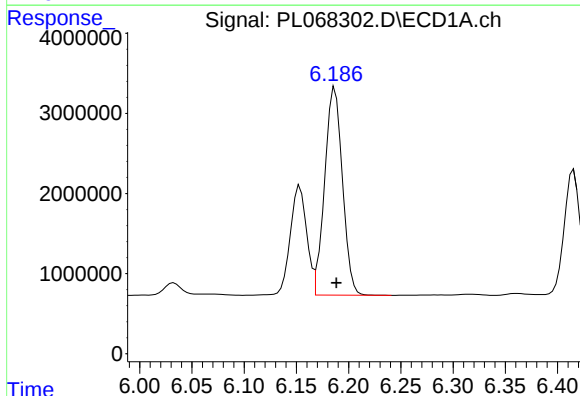
R.T.: 5.775 min  
Delta R.T.: -0.001 min  
Response: 28696868  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



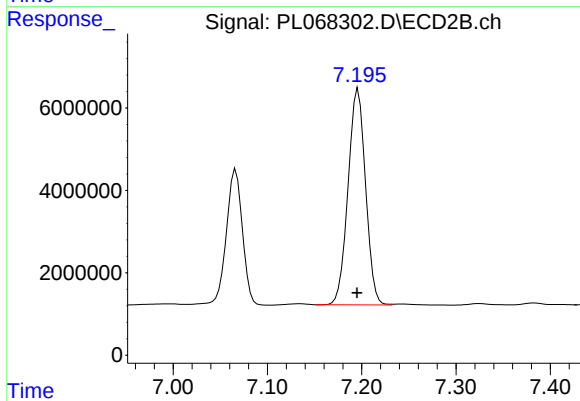
#3 gamma-BHC (Lindane)

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 66402856  
Conc: 51.47 ng/ml



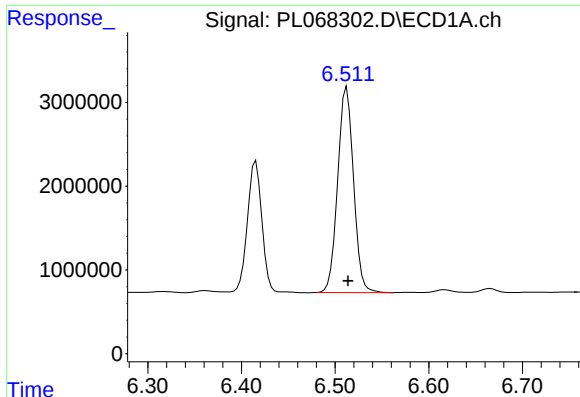
#4 Heptachlor

R.T.: 6.187 min  
Delta R.T.: -0.001 min  
Response: 30694343  
Conc: 50.36 ng/ml



#4 Heptachlor

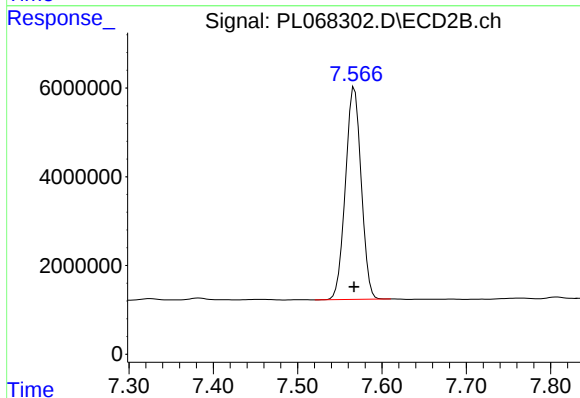
R.T.: 7.196 min  
Delta R.T.: 0.001 min  
Response: 67762034  
Conc: 51.99 ng/ml



#5 Aldrin

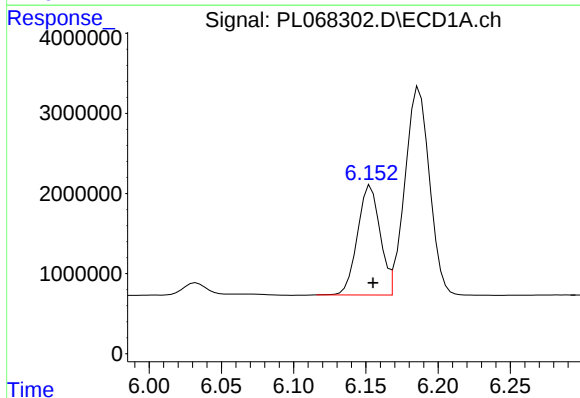
R.T.: 6.513 min  
Delta R.T.: -0.001 min  
Response: 28851376  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



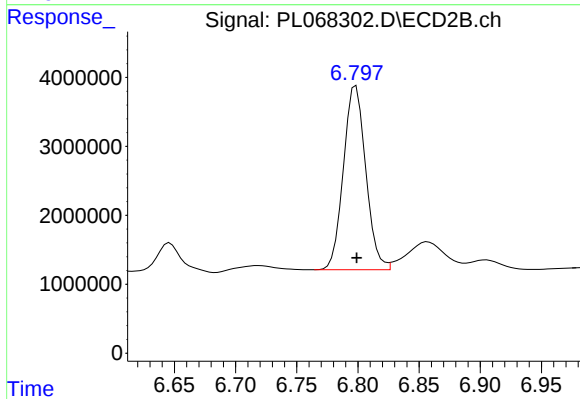
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 62177977  
Conc: 52.41 ng/ml



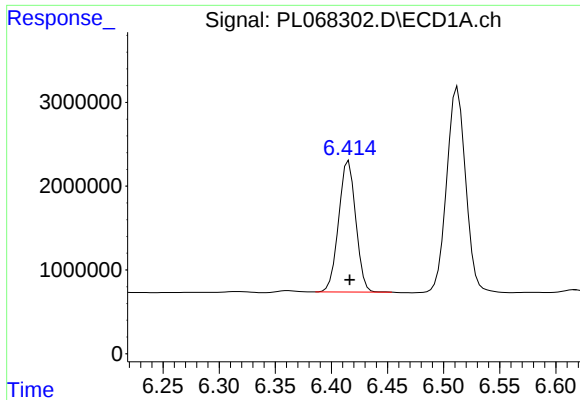
#6 beta-BHC

R.T.: 6.153 min  
Delta R.T.: -0.002 min  
Response: 14882492  
Conc: 50.86 ng/ml



#6 beta-BHC

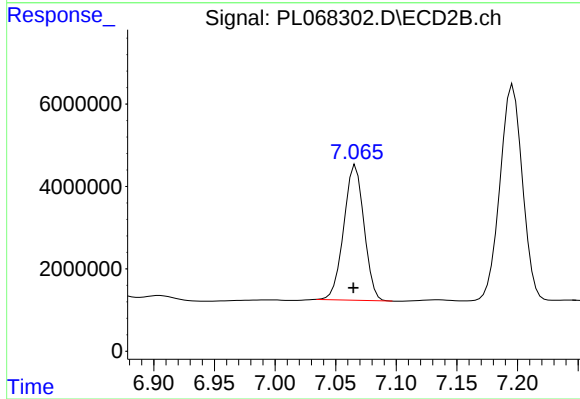
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 33911427  
Conc: 48.00 ng/ml



#7 delta-BHC

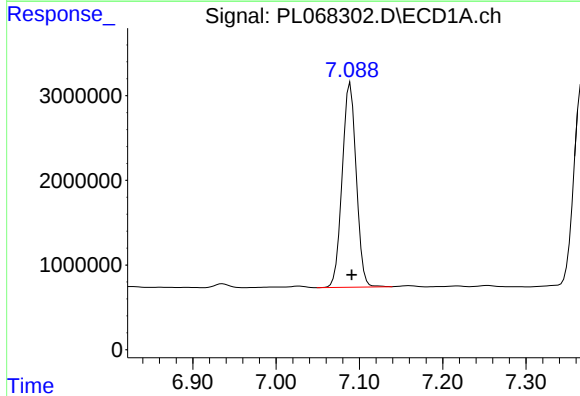
R.T.: 6.415 min  
Delta R.T.: -0.001 min  
Response: 16620731  
Conc: 29.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



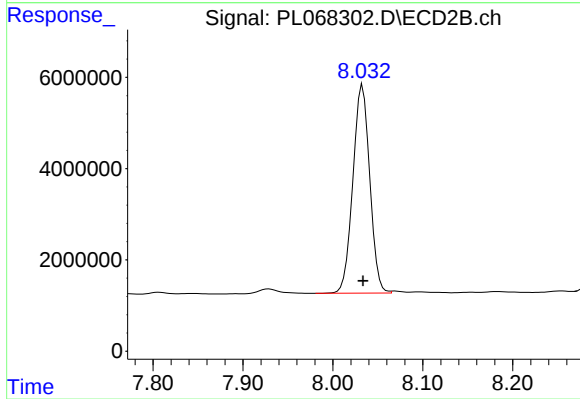
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 38040514  
Conc: 31.05 ng/ml



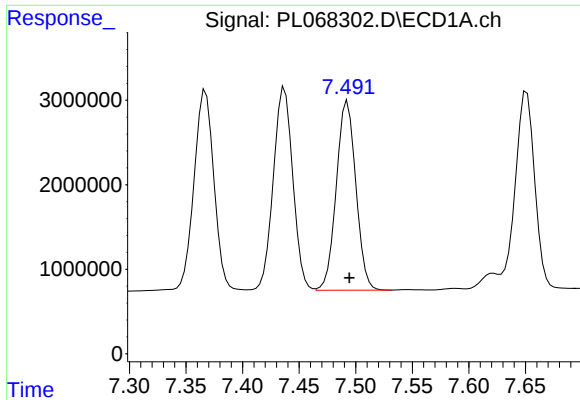
#8 Heptachlor epoxide

R.T.: 7.089 min  
Delta R.T.: -0.002 min  
Response: 28278967  
Conc: 50.90 ng/ml



#8 Heptachlor epoxide

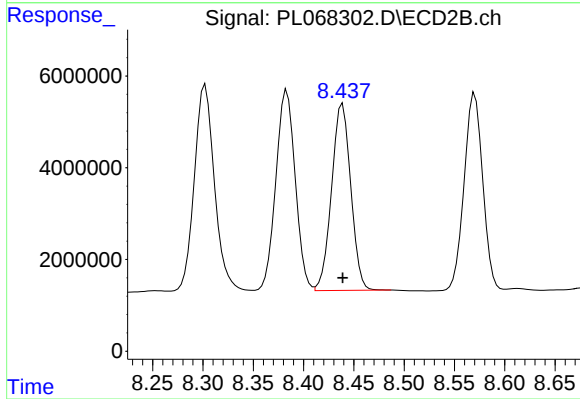
R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 59407197  
Conc: 52.54 ng/ml



#9 Endosulfan I

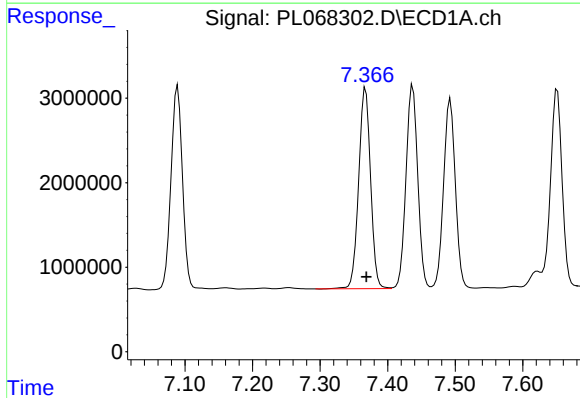
R.T.: 7.493 min  
Delta R.T.: -0.002 min  
Response: 26989115  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



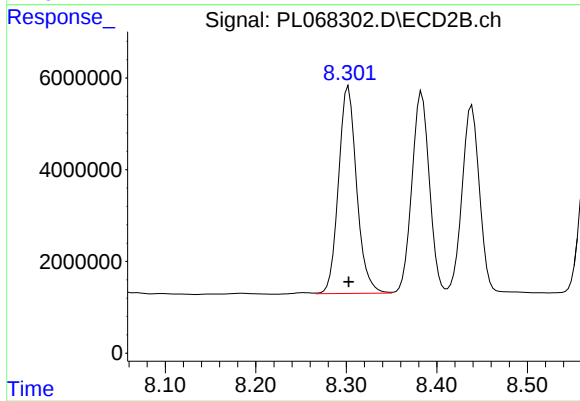
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.000 min  
Response: 53976299  
Conc: 52.43 ng/ml



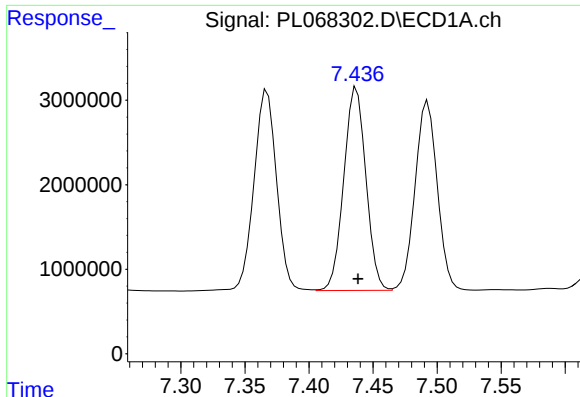
#10 gamma-Chlordane

R.T.: 7.367 min  
Delta R.T.: -0.001 min  
Response: 29149681  
Conc: 50.80 ng/ml



#10 gamma-Chlordane

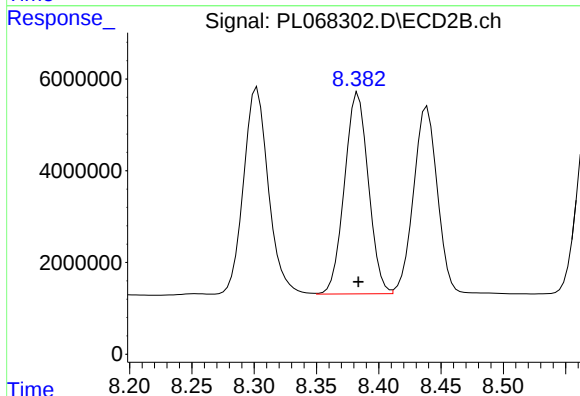
R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 62893822  
Conc: 55.85 ng/ml



#11 alpha-Chlordane

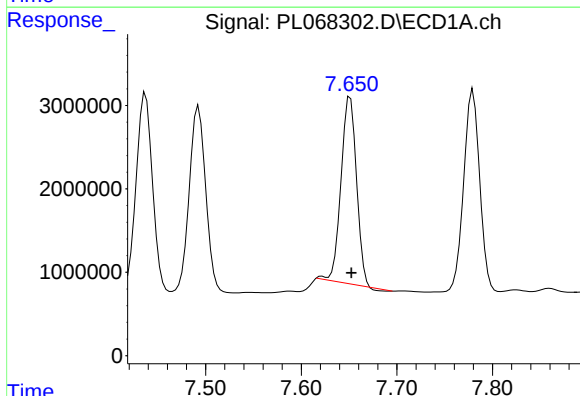
R.T.: 7.437 min  
Delta R.T.: -0.001 min  
Response: 28874573  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



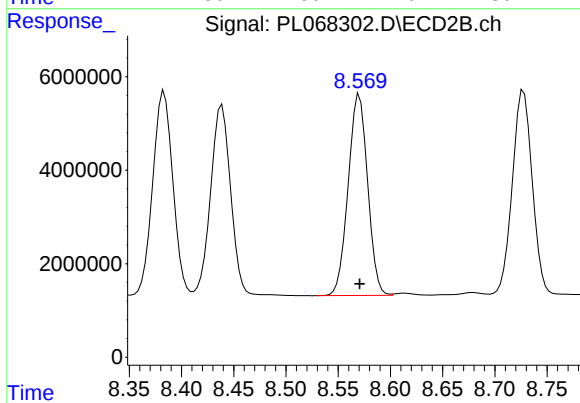
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: 0.000 min  
Response: 58763345  
Conc: 52.25 ng/ml



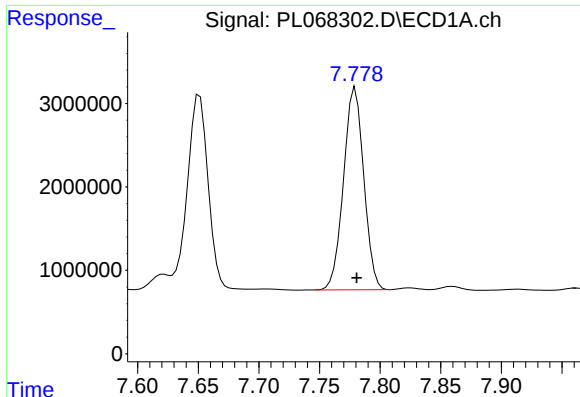
#12 4,4'-DDE

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 24950026  
Conc: 49.51 ng/ml



#12 4,4'-DDE

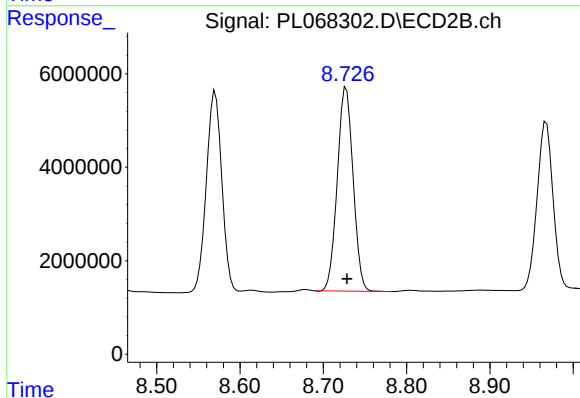
R.T.: 8.570 min  
Delta R.T.: 0.000 min  
Response: 55816248  
Conc: 54.16 ng/ml



#13 Dieldrin

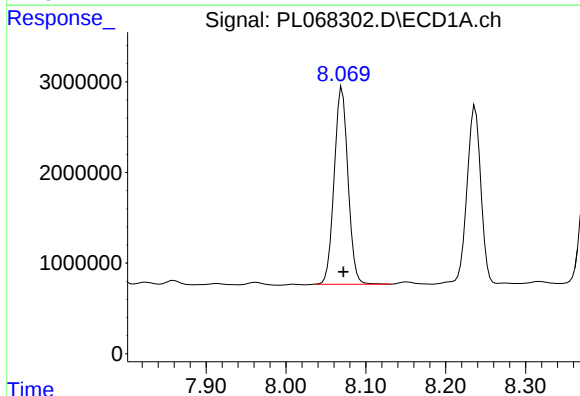
R.T.: 7.780 min  
Delta R.T.: -0.001 min  
Response: 28160373  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



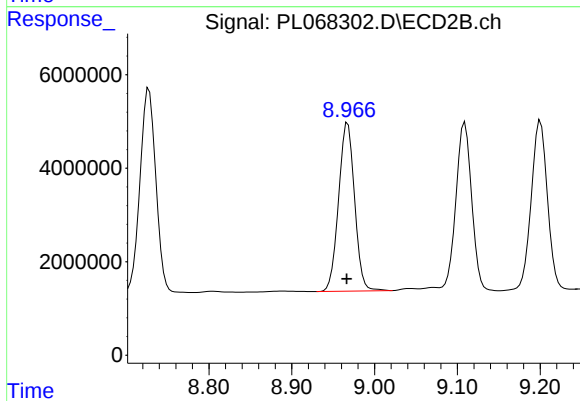
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 57560795  
Conc: 54.27 ng/ml



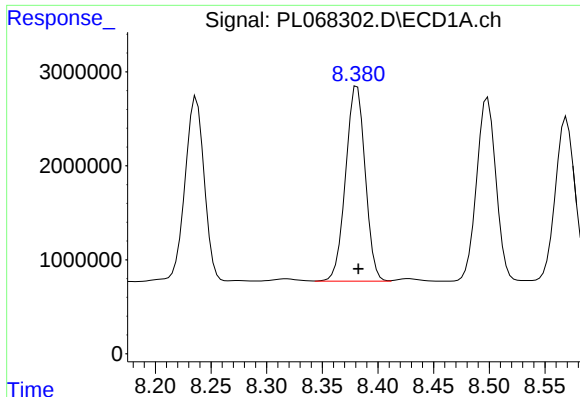
#14 Endrin

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 26052221  
Conc: 52.09 ng/ml



#14 Endrin

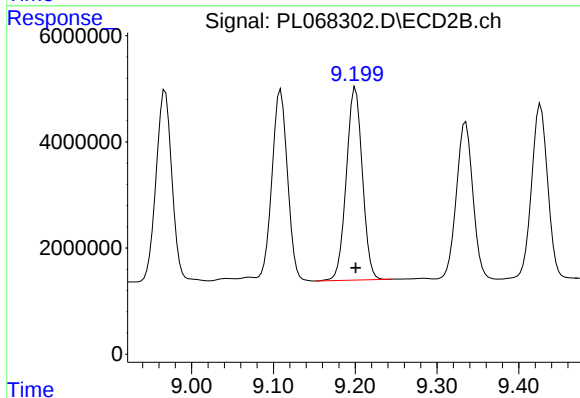
R.T.: 8.968 min  
Delta R.T.: 0.001 min  
Response: 48344316  
Conc: 54.07 ng/ml



#15 Endosulfan II

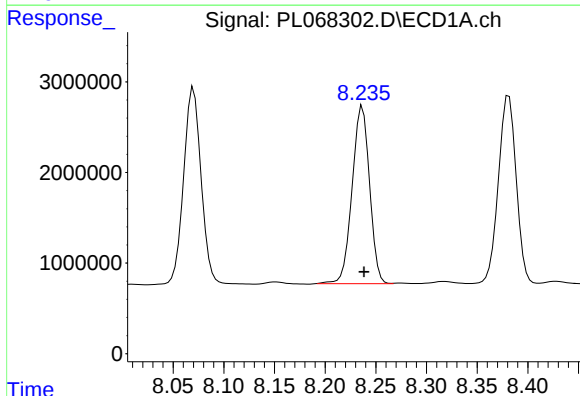
R.T.: 8.381 min  
Delta R.T.: -0.001 min  
Response: 25383206  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



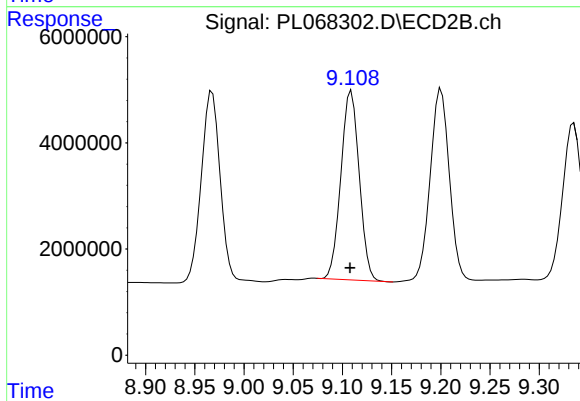
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 49131251  
Conc: 54.21 ng/ml



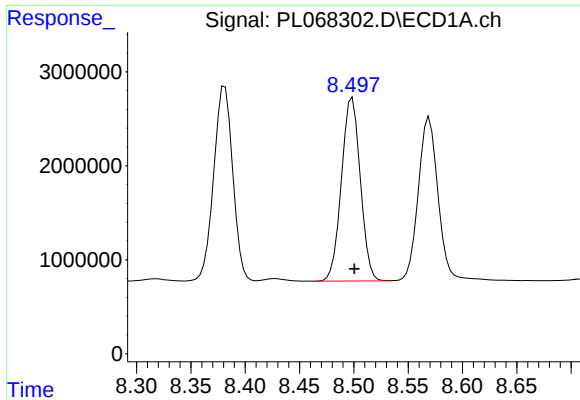
#16 4,4'-DDD

R.T.: 8.237 min  
Delta R.T.: -0.001 min  
Response: 23497648  
Conc: 52.60 ng/ml



#16 4,4'-DDD

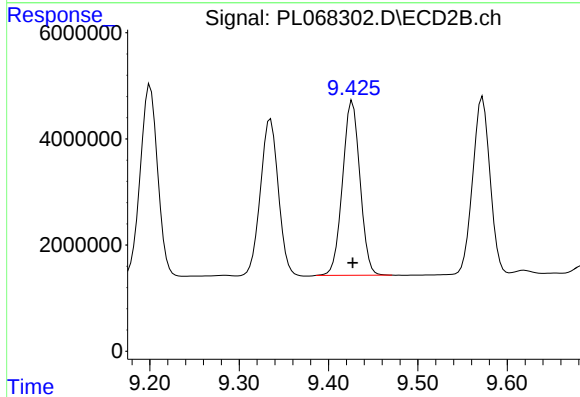
R.T.: 9.109 min  
Delta R.T.: 0.001 min  
Response: 46249819  
Conc: 54.32 ng/ml



#17 4,4'-DDT

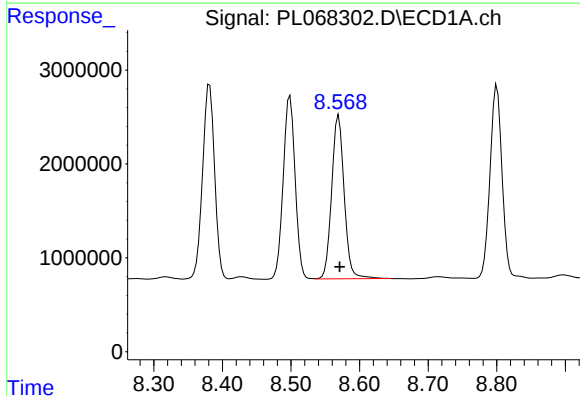
R.T.: 8.499 min  
Delta R.T.: -0.002 min  
Response: 23623348  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



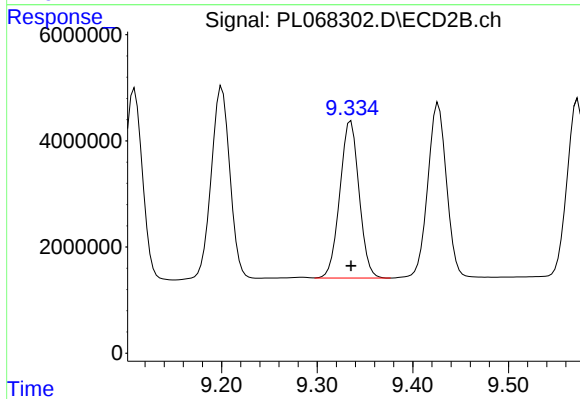
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.000 min  
Response: 44624494  
Conc: 47.28 ng/ml



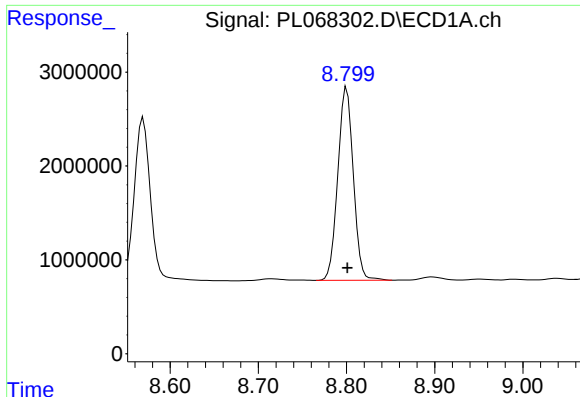
#18 Endrin aldehyde

R.T.: 8.570 min  
Delta R.T.: -0.002 min  
Response: 22087224  
Conc: 55.76 ng/ml



#18 Endrin aldehyde

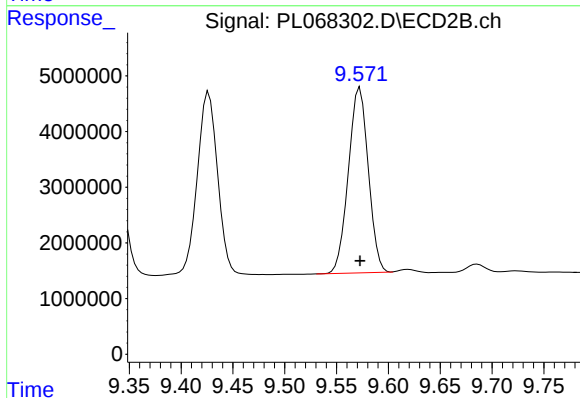
R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 41488400  
Conc: 57.56 ng/ml



#19 Endosulfan Sulfate

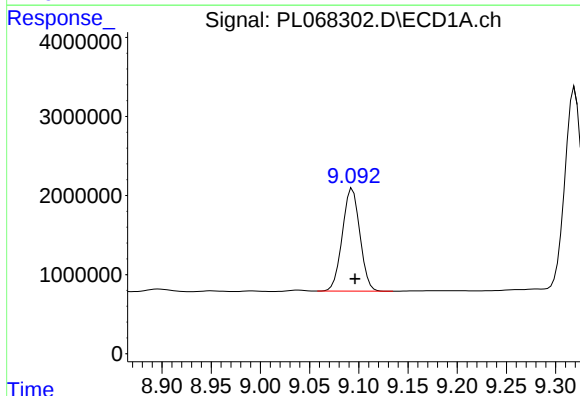
R.T.: 8.800 min  
Delta R.T.: 0.000 min  
Response: 25136920  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



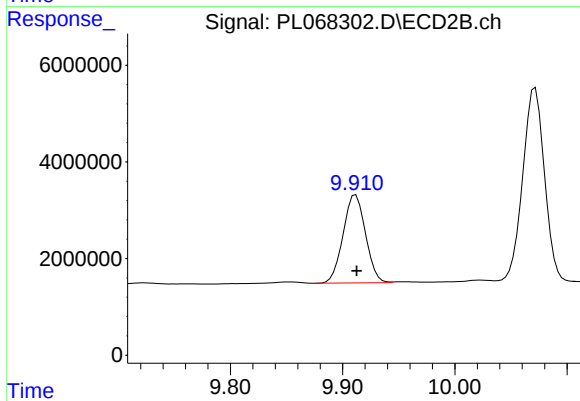
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 44522613  
Conc: 49.44 ng/ml



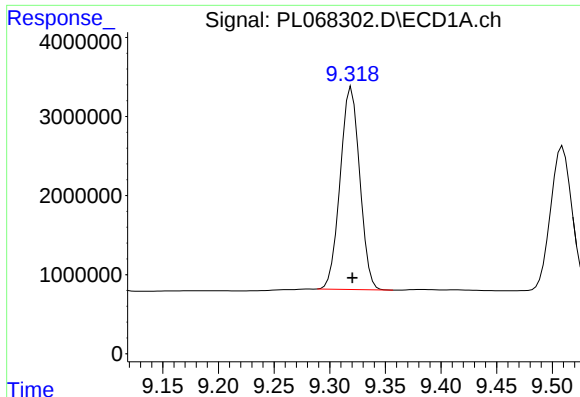
#20 Methoxychlor

R.T.: 9.094 min  
Delta R.T.: -0.003 min  
Response: 16168058  
Conc: 51.69 ng/ml



#20 Methoxychlor

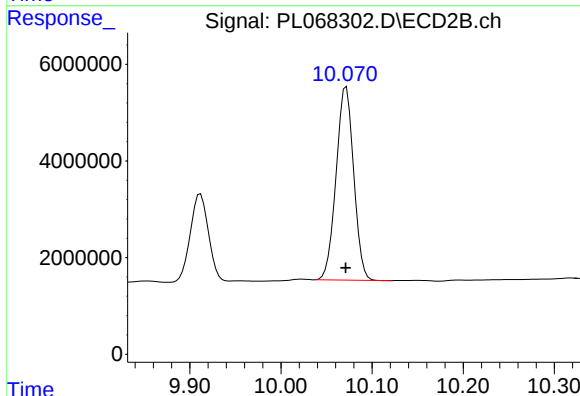
R.T.: 9.912 min  
Delta R.T.: 0.000 min  
Response: 25265815  
Conc: 49.73 ng/ml



#21 Endrin ketone

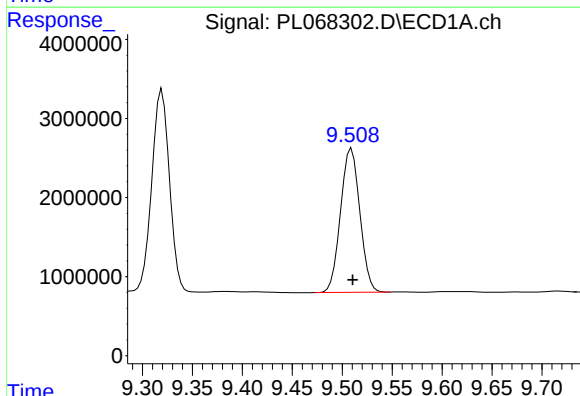
R.T.: 9.320 min  
Delta R.T.: 0.000 min  
Response: 31266126  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



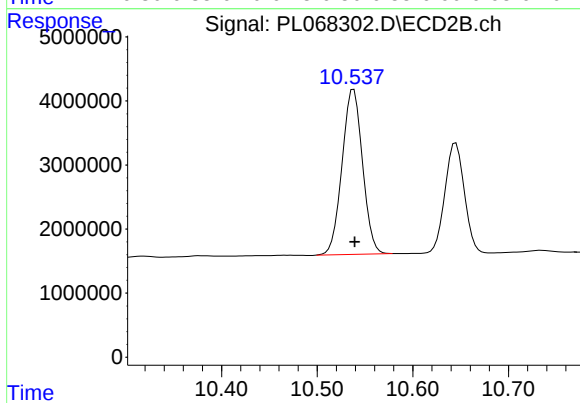
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: 0.000 min  
Response: 53645221  
Conc: 53.79 ng/ml



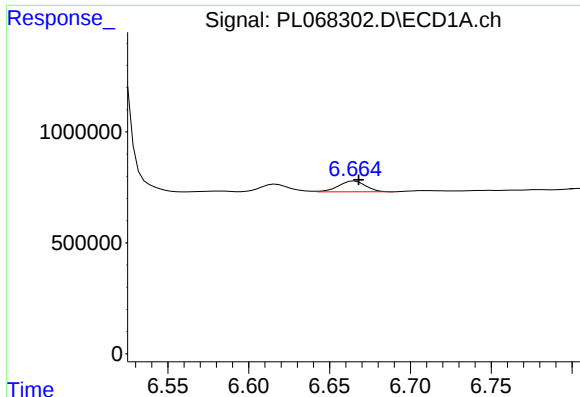
#22 Mirex

R.T.: 9.509 min  
Delta R.T.: -0.001 min  
Response: 24477944  
Conc: 49.57 ng/ml



#22 Mirex

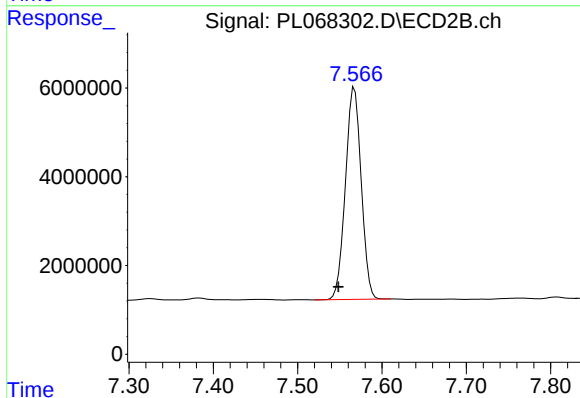
R.T.: 10.538 min  
Delta R.T.: -0.001 min  
Response: 38414009  
Conc: 49.65 ng/ml



#24 Chlordane-2

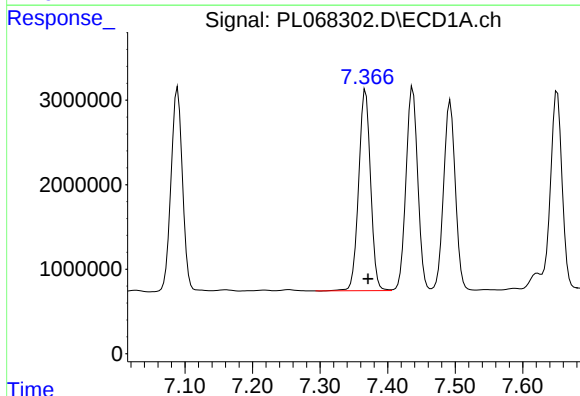
R.T.: 6.666 min  
Delta R.T.: -0.002 min  
Response: 564479  
Conc: 26.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



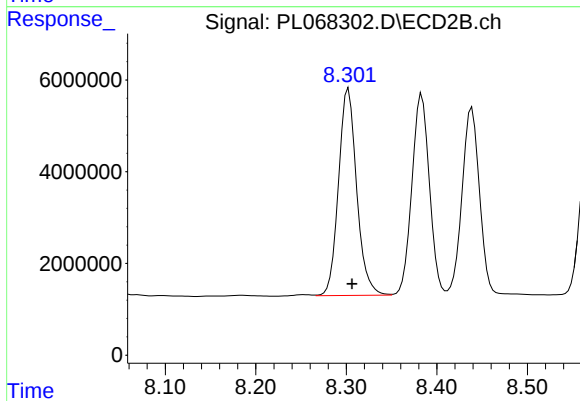
#24 Chlordane-2

R.T.: 7.567 min  
Delta R.T.: 0.019 min  
Response: 62177977  
Conc: 1494.48 ng/ml



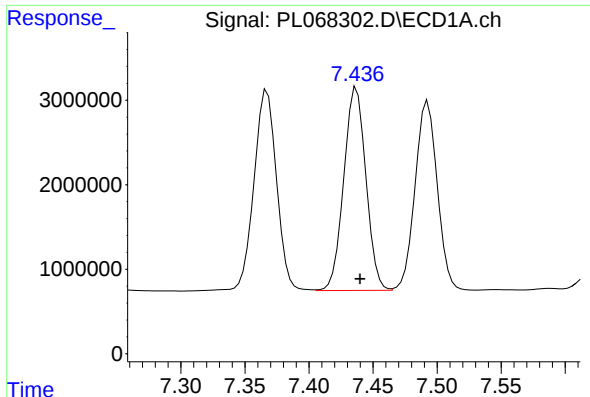
#25 Chlordane-3

R.T.: 7.367 min  
Delta R.T.: -0.004 min  
Response: 29149681  
Conc: 541.27 ng/ml



#25 Chlordane-3

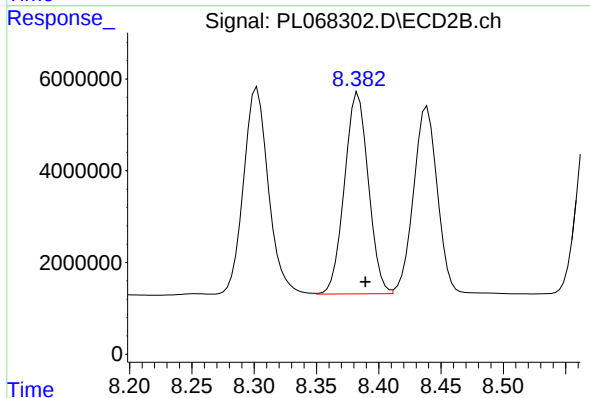
R.T.: 8.302 min  
Delta R.T.: -0.004 min  
Response: 62893822  
Conc: 406.11 ng/ml



#26 Chlordane-4

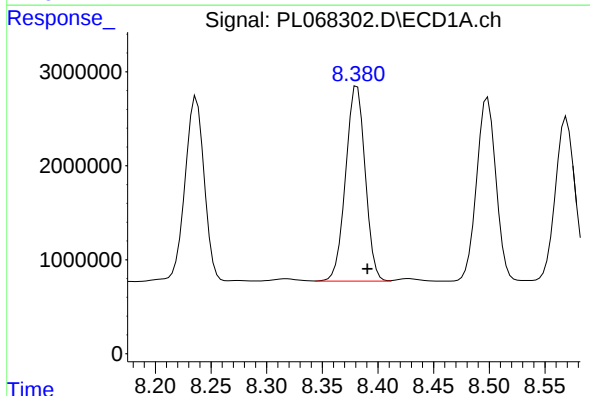
R.T.: 7.437 min  
Delta R.T.: -0.003 min  
Response: 28874573  
Conc: 511.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



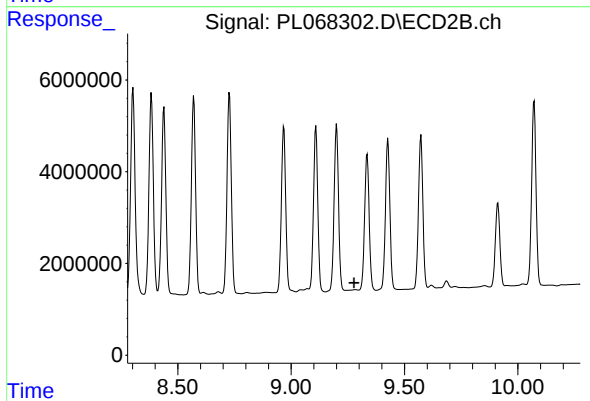
#26 Chlordane-4

R.T.: 8.383 min  
Delta R.T.: -0.006 min  
Response: 58763345  
Conc: 313.44 ng/ml



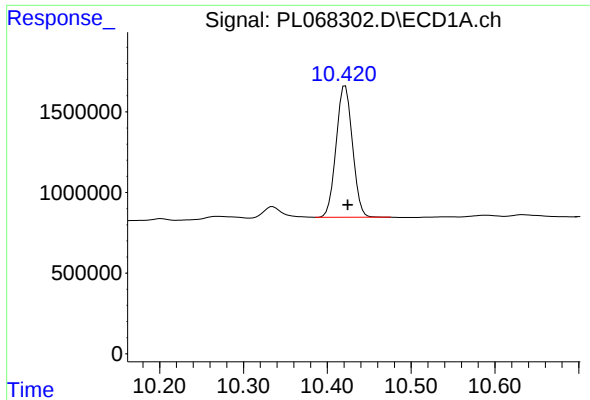
#27 Chlordane-5

R.T.: 8.381 min  
Delta R.T.: -0.009 min  
Response: 25383206  
Conc: 1261.20 ng/ml



#27 Chlordane-5

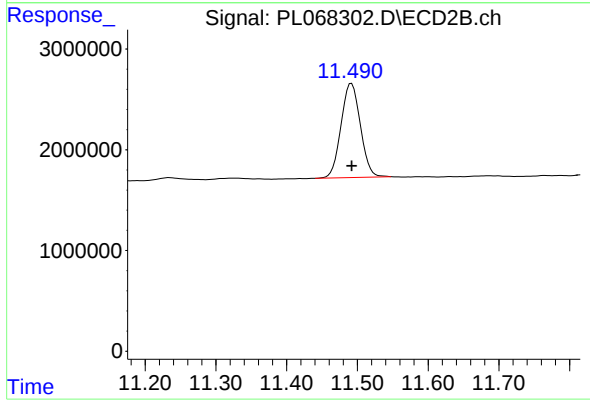
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.421 min  
Delta R.T.: -0.003 min  
Response: 11034701  
Conc: 19.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: 0.000 min  
Response: 17797050  
Conc: 19.95 ng/ml